BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK :CONSTRUCTION OF INDOOR STADIUM WITH ALL AMENITIES AT SAHAKARNAGAR IN WARD NO.08 KODIGEHALLI, KODIGEHALLI SUB DIVISION

Agency	**Sri Abbu Sambasiva Reddy #1-B-3,Sree Arcade Layout 4th Block,DB sandra,Vidyaranyapura,Bangalore-560097**
	EIRL-4
Estimate Amount:-	**60000000.000**
Approved Amount	**65528471.000**
Name of Contractor:-	**Sri Abbu Sambasiva Reddy #1-B-3,Sree Arcade Layout 4th Block,DB sandra,Vidyaranyapura,Bangalore-560097**
Tender premium:-	**+9.78% Above**

Sl No	Item Of Work	Unit	Estimate qty	Rate from EIRL Rate analysis	Amount (Rs.)	Whether the item alternative in tender or additional items	Whether the extra item is included in sanctioned estimate	How the Cost is proposed to be met	Whether extra item is included in S.R.	Remarks
1	2	3	4	5	6	7	8	9	10	11
E8	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar - using aluminium section powdered coated to a minimum of 60- 70 microns with exterior durable pure polyester grade powder of approved quality and as per directions of Engineer in charge of the work (Second Floor)	Sqm	49.50	4968.95	245963.03	Additonal Item	No	-	Yes, ((Pg No.32, It No.7.9) of KPWD S.R 2016-17).	

Sl	Item Of Work	Unit	Estimate qty	Rate from EIRL Rate analysis	Amount (Rs.)	Whether the item alternative in tender or additional items	Whether the extra item is included in sanctioned estimate	How the Cost is proposed to be met	Whether extra item is included in S.R.	Remarks
1	2	3	4	5	6	7	8	9	10	11
E9	Providing and fixing of Aluminium composite panel of approved makeSqm 4,943.00and colour for wall cladding for straight Brick/Rcc/stone walls &coloumns/beams with necessary aluminium frame works at required level made out of 50x25x3mm C section or equalent. The panel shouldconsist of 2.5 mm thermoplastic core of antitoxic LDPE sandwichedbetween 0.25 skins thickaluminium sheet making a total panel thicknessof 3mm. The surfaces will be finished with PVDF based coating ontopsides and service coating on reverse sides would be in polyester paint. The system shall be fixed using GI brackets, aluminium L cleatsand stainless steel bolts and nuts complete with spring washer and capnuts and all other necessary accessories, sealing	Sqm	102.64	5990.96	614935.90	Additonal Item	No	-	Yes, ((Pg No.32, It No.7.9) of KPWD S.R 2016-17).	
E10	HT Cable: Supplying and laying of high tension 11KV. cable, Dry Curing & Dry Cooling with true triple extrusion, simultaneously through a single common head, 3 core under ground XLPE (E) cable having stranded compact circular aluminium conductor, screened insulated, insulation screened with extruded semiconducting compound in combination with copper tape, core laid up extruded inner sheathed of GI flat strip armoured and overall PVC sheathed with specified IS 7098/11/85 with latest amendments.3.5 core 240 sqmm	mtr	50.00	6890.00	344500.00	Additonal Item	No	-	Yes, ((Pg No.40, It No.7.29) of KPWD S.R 2016-17).	
	TOTAL EIRL AMOUNT				**1205398.93**					

PERCENTAGE OF EXCESS COMPARING TO SANCTIONED COST $\frac{1205398.93}{65528471.00}$ x100 = **1.84 %**

Asst Engineer

Asst.Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Executive Engineer

Executive Engineer
Project Division
Yela... Zone
BBMP, Bangalore-92

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK :CONSTRUCTION OF INDOOR STADIUM WITH ALL AMENITIES AT SAHAKARNAGAR IN WARD NO.08 KODIGEHALLI, KODIGEHALLI SUB DIVISION

Client	Sri Abbu Sambasiva Reddy #1-B-3,Sree Arcade Layout 4th Block,DB sandra,Vidyaranyapura,Bangalore-560097

WORK SLIP-4

Estimate Amount:-	60000000.000
Approved Amount	65528471
Name of Contractor:-	Sri Abbu Sambasiva Reddy #1-B-3,Sree Arcade Layout 4th Block,DB sandra,Vidyaranyapura,Bangalore-560097
Tender premium:-	(+)9.78%

Sl. No.	Description of Work	Unit	Qty as per Quoted Rate			Total Executed Quantity	Qty. upto 125%			Qty. above 125%			Total Amount	Excess amount	Amouint Paid in 1st RA Bill	Amouint Paid in 2nd RA Bill	Amouint Paid in 3rd RA Bill	Amouint Paid in 4th RA Bill	Now to be Paid Quantity Excess amount	Savings	Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amt									
4	Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.Specification No. KBS 4.1, 4.2 Pg No.12 Item No 4.3	Cum	143.53	5700.00	818134.167	184.00	179.42	5700.00	1022667.71	4.59	5770.43	26482.60	1049150.31	231016.15	609250.20	14727.38	0.00	124802.64	300370.10		
68	Providing and finishing external walls in two coats with waterproof cement paint of approved brand with primer and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications and as per directions of Engineer in charge of the work (First Floor)	Sqm	1418.62	100.00	141862	1612.16	1612.16	100.00	161215.71	0.00	0.00	0.00	161215.71	19353.71	0.00	0.00	0.00		19353.71		
73	Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, complete as per specifications and as per directions of Engineer in charge of the work (First Floor)	Sqm	1639.21	700.00	1147447	1653.88	1653.88	700.00	1157717.96	0.00	0.00	0.00	1157717.96	10270.96	583605.96	0.00	0.00		574112.00		
80	Providing and fixing Vetrified glazed tiles of approved make quality & colour of size 600x 600x 10 mm thick fixed on existing flooring withspecial adhesive for flooring ,skirting ad jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains etc complete as per specification and as per directions of Engineer in charge of the work (Ground Floor)	Sqm	26.20	1200.00	31440	41.98	32.75	1200.00	39300.00	9.23	1267.43	11692.06	50992.06	19552.06	0.00	0.00	0.00		19552.06		

Sl. No.	Description of Work	Unit	Qty as per Quoted Rate			Total Executed Quantity	Qty. upto 125%			Qty. above 125%			Total Amount	Excess amount	Amouint Paid in 1st RA Bill	Amouint Paid in 2nd RA Bill	Amouint Paid in 3rd RA Bill	Amouint Paid in 4th RA Bill	Now to be Paid Quantity Excess amount	Savings	Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amt									
94	Providing skirting, dado, rises of steps with colour glazed tiles 30X60 cms 6mm thick with border of size 30 x 10 cms on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications and as per directions of Engineer in charge of the work (Ground Floor)	Sqm	71.80	1600.00	114880	171.77	89.75	1600.00	143600.00	82.02	1759.47	144305.24	287905.24	173025.24	0	0	0		173025.24		
95	Providing skirting, dado, rises of steps with colour glazed tiles 30X60 cms 6mm thick with border of size 30 x 10 cms on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications and as per directions of Engineer in charge of the work (First Floor)	Sqm	107.60	1600.00	172160	171.77	134.50	1600.00	215200.00	37.27	1761.24	65635.42	280835.42	108675.42	0	0	0		280835.42		
101	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) and as per directions of Engineer in charge of the work (First Floor)	Sqm	7.56	5500.00	41580	18.90	9.45	5500.00	51975.00	9.45	5508.41	52054.47	104029.47	62449.47	0	0	0		62449.47		
102	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) and as per directions of Engineer in charge of the work (Headroom)	Sqm	1.89	5500.00	10395	3.78	2.36	5500.00	12993.75	1.42	5511.97	7813.21	20806.96	10411.96	0	0	0		10411.96		
108	12mm thick plain toughened glass.	Sqm	31.72	2700.00	85644	46.50	39.65	2700.00	107055.00	6.85	2700.00	18494.19	125549.19	39905.19	0	0.00	0.00		39905.19		
109	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdiyiding the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or	Sqm	33.30	4950.00	164835	53.22	41.63	4950.00	206043.75	11.60	4957.09	57477.50	263521.25	98686.25	0	0.00	0.00		98686.25		

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			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amt									
110	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or	Sqm	7.38	5000.00	36900	73.59	9.23	5000.00	46125.00	64.37	4963.02	319444.92	365569.92	328669.92	0	0	0		328669.92		
114	Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications and as per directions of Engineer in charge of the work (Ground Floor)	Sqm	8.43	7000.00	59010	17.10	10.54	7000.00	73762.50	6.56	7288.03	47827.70	121590.20	62580.20	0	0	0		62580.20		
115	Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications and as per directions of Engineer in charge of the work (First Floor)	Sqm	7.83	7000.00	54810	16.47	9.79	7000.00	68512.50	6.68	7293.96	48741.88	117254.38	62444.38	0	0	0		62444.38		
116	Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications and as per directions of Engineer in charge of the work (Second Floor))	Sqm	7.83	7000.00	54810	26.07	9.79	7000.00	68512.50	16.29	7299.89	118889.61	187402.11	132592.11	0	0	0		132592.11		

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			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amt									
124	Providing and fixing M.S. Gate as per Chief Architect Drawing,using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members as shown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specification.	sqm	11.88	3300.00	39204	15.12	14.85	3300.00	49005.00	0.27	3478.62	939.23	49944.23	10740.23	0	0	0		10740.23		
158	Concealed Conduit System Supplying heavy gauge PVC conduit pipe ..... mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary 19/20mm dia 2mm thick(including audio system)	mtr	2350.00	45.00	105750	2600.00	2600.00	45.00	117000.00	0.00	0.00	0.00	117000.00	11250.00	0	0	0		11250.00		
159	25mm dia 2mm thick	mtr	950.00	60.00	57000	1390.00	1187.50	60.00	71250.00	202.50	60.00	12150.00	83400.00	26400.00	0.00	0.00	0.00		26400.00		
162	upto 50mm conduit CC floor	Mtr	20.00	40.00	800	30.00	25.00	40.00	1000.00	5.00	40.00	200.00	1200.00	400.00	0	0	0		400.00		
163	Supplying and fixing of PVC casing and capping on the wall or ceiling using necessary materials like bends, screws at an interval of 300mm ..... etc. as required. 25mm	mtr	50.00	30.00	1500	125.00	62.50	30.00	1875.00	62.50	30.00	1875.00	3750.00	2250.00	0	0	0		2250.00		
165	Supplying PVC/GI flexible conduit pipe... mm dia fixing on surface over inverted tapered wooden plugs or phill plugs or rawl plugs and clamped using heavy gauge saddles at an interval of 300mm using NF screws and on either end of the pipe terminated completely 25mm	mtr	200.00	32.00	6400	600.00	250.00	32.00	8000.00	350.00	32.00	11200.00	19200.00	12800.00	0	0	0		12800.00		
166	Supplying And Fixing Metal Fan Box with Round Hook.	Each	23.00	95.00	2185	50.00	29.00	95.00	2755.00	21.00	95.00	1995.00	4750.00	2565.00	0	0			2565.00		
167	Point wiring using Copper wire without switch. Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2X1.5Sq.mm Cable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet. GROUP A. Short point upto 3Mtr from tapping point to out let via switch box	Each	5.00	150.00	750	21.00	7.00	150.00	1050.00	14.00	150.00	2100.00	3150.00	2400.00	0	0			2400.00		
168	Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch box	Each	25.00	230.00	5750	35.00	32.00	230.00	7360.00	3.00	230.00	690.00	8050.00	2300.00	0	0			2300.00		
170	Two outlet in a row, above 3Mtr upto 6Mtr from tapping point to out let via switches	Each	5.00	450.00	2250	34.00	7.00	450.00	3150.00	27.00	450.00	12150.00	15300.00	13050.00	0	0			13050.00		
171	Three outlet in a row, above 6Mts upto 10Mtr from tapping point to out let via switches box	Each	18.00	600.00	10800	34.00	23.00	600.00	13800.00	11.00	600.00	6600.00	20400.00	9600.00	0	0			9600.00		
173	2.5 sqmm	Each	3200.00	30.00	96000	5400.00	4000.00	30.00	120000.00	1400.00	30.00	42000.00	162000.00	66000.00	0	0			66000.00		
174	4 sqmm	mtr	750.00	43.00	32250	2600.00	938.00	43.00	40334.00	1662.00	43.00	71466.00	111800.00	79550.00	0	0			79550.00		
175	6sqmm	mtr	150.00	65.00	9750	385.00	188.00	65.00	12220.00	197.00	65.00	12805.00	25025.00	15275.00	0	0			15275.00		

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			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amt									
177	plying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 1-3Way	each	17.00	92.00	1564	113.00	22.00	92.00	2024.00	91.00	92.00	8372.00	10396.00	8832.00	0	0			8832.00		
178	6Way	each	9.00	135.00	1215	85.00	12.00	135.00	1620.00	73.00	135.00	9855.00	11475.00	10260.00	0	0			10260.00		
179	8Way	each	26.00	150.00	3900	61.00	33.00	150.00	4950.00	28.00	150.00	4200.00	9150.00	5250.00	0	0			5250.00		
180	10-12Way	each	9.00	160.00	1440	53.00	12.00	160.00	1920.00	41.00	160.00	6560.00	8480.00	7040.00	0	0			7040.00		
181	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. 1 to 3 Module	each	17.00	110.00	1870	113.00	22.00	110.00	2420.00	91.00	110.00	10010.00	12430.00	10560.00	0	0			10560.00		
182	6 Module	each	9.00	180.00	1620	75.00	12.00	180.00	2160.00	63.00	180.00	11340.00	13500.00	11880.00	0	0			11880.00		
183	8 Module	each	26.00	200.00	5200	61.00	33.00	200.00	6600.00	28.00	200.00	5600.00	12200.00	7000.00	0	0			7000.00		
184	12 Module	each	9.00	270.00	2430	48.00	12.00	270.00	3240.00	36.00	270.00	9720.00	12960.00	10530.00	0	0			10530.00		
186	6Amps Two way.	each	4.00	90.00	360	15.00	5.00	90.00	450.00	10.00	90.00	900.00	1350.00	990.00	0	0			990.00		
187	6Amps 3way socket.	each	32.00	97.00	3104	39.00	39.00	97.00	3783.00	0.00	0.00	0.00	3783.00	679.00	0	0			679.00		
188	Stepped Fan Regulator.	each	23.00	290.00	6670	39.00	29.00	290.00	8410.00	10.00	290.00	2900.00	11310.00	4640.00	0	0			4640.00		
189	16Amps one way switch	each	10.00	118.00	1180	54.00	13.00	118.00	1534.00	41.00	118.00	4838.00	6372.00	5192.00	0	0			5192.00		
190	6/16 Amps universal socket	each	6.00	150.00	900	44.00	8.00	150.00	1200.00	36.00	150.00	5400.00	6600.00	5700.00	0	0			5700.00		
191	TV/Telephone socket	each	1.00	83.00	83	5.00	2.00	83.00	166.00	3.00	83.00	249.00	415.00	332.00	0	0			332.00		
192	RJ45/ I.O. outlet	each	1.00	205.00	205	5.00	2.00	205.00	410.00	3.00	205.00	615.00	1025.00	820.00	0	0			820.00		
193	Supplying 50mm wooden plug, tapered from 50x50mm to 25x25mm and fixing by using binding wire before concreting a roof slab.	mtr	750.00	7.00	5250	1140.00	938.00	7.00	6566.00	202.00	7.00	1414.00	7980.00	2730.00	0	0			2730.00		
194	Supplying and fixing cast Aluminum round or oblong type bulk head fitting with GI wire guard, glass cover with 15Watts 230V CFL lamp.	each	12.00	970.00	11640	142.00	15.00	970.00	14550.00	127.00	970.00	123190.00	137740.00	126100.00	0	0			126100.00		
195	Supplying CFL mirror light fitting with 1x11W CFL lamp, choke, Perspex cover and completely wired for use on 230V 50Hz AC supply.	each	4.00	650.00	2600	94.00	5.00	650.00	3250.00	89.00	650.00	57850.00	61100.00	58500.00	0	0			58500.00		
197	Supply of recess mounted rolling type LED square or round Down light 12 watts with 4/6W GU 10 LED Lamp Rib Fabricated from Die cast aluminum with white powder coated prewired to mains connector with suitable driver & having swiveling unit of aluminum die cast eye ball & LED Lamp position retained by circular wire spring. 5 years Warranty against any manufacturing defect working under standard electrical condition.	each	25.00	1900.00	47500	51.00	32.00	1900.00	60800.00	19.00	1900.00	36100.00	96900.00	49400.00	0	0			49400.00		
198	Supply of LED Square Recessed Down lighter with 18W System Wattage. Housing shall be with powder coated pressure die cast aluminum alloy with corrosion resistant polyester powder coat & with extended heat sink. Diffuser/cover made of Lexan plastic material. Rated life shall be L70 @ 50000 Hrs. which shall has inbuilt electrical protection like over/under voltage, short circuit, overload, open circuit & miswiring. Driver is on constant current driver output driver @ 0.06A with PF > 0.9 with line voltage @ 220-240V @ 50/60Hz, driver efficiency > 85% & THD<15%. LED Efficiency > 130 lm/W at 1W & Fixture Efficiency >75lm/w with CRI > 75 with injection moulded Polycarbonate lens. 5 years Warranty against any manufacturing defect working under standard electrical condition.	each	40.00	1900.00	76000	45.00	45.00	1900.00	85500.00	0.00	0.00	0.00	85500.00	9500.00	0	0			9500.00		
199	60W highbay LED linear type light fixture make-crompton ,model -LHBL60CDL	each	80.00	8000.00	640000	93.00	93.00	8000.00	744000.00	0.00	0.00	0.00	744000.00	104000.00	0	0			104000.00		
200	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers. 100Amps	each	6.00	400.00	2400	3550.00	8.00	400.00	3200.00	3542.00	400.00	1416800.00	1420000.00	1417600.00	0	0			1417600.00		

Sl. No.	Description of Work	Unit	Qty as per Quoted Rate			Total Executed Quantity	Qty. upto 125%			Qty. above 125%			Total Amount	Excess amount	Amouint Paid in 1st RA Bill	Amouint Paid in 2nd RA Bill	Amouint Paid in 3rd RA Bill	Amouint Paid in 4th RA Bill	Now to be Paid Quantity Excess amount	Savings	Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amt									
208	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure.III - Double Door 4Way TP &N	each	2.00	2400.00	4800	3.00	3.00	2400.00	7200.00	0.00	0.00	0.00	7200.00	2400.00	0	0			2400.00		
223	Supplying fixing and wiring earth electrode for grounding of lifts, transformers, DG sets etc. using 40mm dia 2.9mm thick 2.5 mtr long GI pipe with GI funnel with mesh and suitable size reducer fixed on the top of the earth electrode. The funnel should be enclosed in a CC chamber of 400x400x400mm with a cast iron cover. The earth electrode shall have staggered holes of 12mm dia and the electrode should be covered 150mm all-round with alternate layers of salt and charcoal from the bottom of the CC chamber. The connection from the electrode is to be established through GI strip using GI bolts and nuts.	Mtr	4.00	4317.00	17268	77.00	5.00	4317.00	21585.00	72.00	4317.00	310824.00	332409.00	315141.00	0	0			315141.00		
224	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required. GI strip 25x3mm	Mtr	50.00	77.00	3850	70.00	63.00	77.00	4851.00	7.00	77.00	539.00	5390.00	1540.00	0	0			1540.00		
269	Making connection of drain or sewer line of size 160 to 200mm external dia with existing manhole including breaking into and making good the walls, floors with cement concrete M 15 with 20mm and down size granite metal, cement plastered on both sides of mix 1:3, finished with a floating coat of neat cement and making necessary channels for the drain, including cost of materials, labour charges, HOM of machineries complete as per specifications.	Mtr	10.00	2458.00	24580	15.00	13.00	2458.00	31954.00	2.00	2698.48	5396.96	37350.96	12770.96	0	0			12770.96		
271	Providing and fixing unplasticised PVC pipes 10.00 kg/sq.cm working pressure chemp plast/wavin or equivalent make with pipe fittings, clips, making good the floor , including cost of all materials, labour charges, HOM of equipment and testing complete as per specifications. do-with 90mm outer dia	Mtr	75.00	519.00	38925	108.45	94.00	519.00	48786.00	14.45	570.29	8240.62	57026.62	18101.62	0	0			18101.62		
272	Providing and fixing unplasticised PVC pipes 10.00 kg/sq.cm working pressure chemp plast/wavin or equivalent make with pipe fittings, clips, making good the floor , including cost of all materials, labour charges, HOM of equipment and testing complete as per specifications. -do-with 110mm outer dia	Mtr	65.00	743.00	48295	72.20	73.00	743.00	54239.00	0.00	0.00	0.00	54239.00	5944.00	0	0			5944.00		
273	Providing and fixing unplasticised PVC pipes 10.00 kg/sq.cm working pressure chemp plast/wavin or equivalent make with pipe fittings, clips, making good the floor , including cost of all materials, labour charges, HOM of equipment and testing complete as per specifications.do-with 160mm outer dia	Mtr	50.00	1566.00	78300	79.10	63.00	1566.00	98658.00	16.10	1719.15	27678.39	126336.39	48036.39	0	0			48036.39		
280	Providing wash basin brackets of approved 1st qyuality and make confirming to ISI specifications and fixing for low down cistern as directed. Rate includes cost of materials and conveyance to work spot.	Pair	12.00	246.00	2952	20.00	15.00	246.00	3690.00	5.00	331.97	1659.87	5349.87	2397.87	0	0			2397.87		

Sl. No.	Description of Work	Unit	Qty as per Quoted Rate			Total Executed Quantity	Qty. upto 125%			Qty. above 125%			Total Amount	Excess amount	Amouint Paid in 1st RA Bill	Amouint Paid in 2nd RA Bill	Amouint Paid in 3rd RA Bill	Amouint Paid in 4th RA Bill	Now to be Paid Quantity Excess amount	Savings	Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amt									
284	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specifications.For Rain water pipe. - do - 110 mm dia	Mtr	20.00	444.00	8880	302.00	25.00	444.00	11100.00	277.00	488.48	135308.15	146408.15	137528.15	0	0			137528.15		
285	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specifications.For Rain water pipe. do- 160mm dia	Mtr	60.00	896.00	53760	99.00	75.00	896.00	67200.00	24.00	984.07	23617.63	90817.63	37057.63	0	0			37057.63		
286	Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per	Each	2.00	262.00	524	12.00	3.00	262.00	786.00	9.00	288.11	2592.96	3378.96	2854.96	0	0			2854.96		
287	Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Each	32.00	172.00	5504	39.00	39.00	172.00	6708.00	0.00	0.00	0.00	6708.00	1204.00	0	0			1204.00		
289	25mm dia nominal bore	Each	1.00	632.00	632	2.00	2.00	632.00	1264.00	0.00	0.00	0.00	1264.00	632.00	0	0			632.00		
292	65mm nominal bore	Each	1.00	2764.00	2764	2.00	2.00	2764.00	5528.00	0.00	0.00	0.00	5528.00	2764.00	0	0			2764.00		
298	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for not and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.,) 15mm nominal OD pipes	Mtr	5.00	140.00	700	20.00	7.00	140.00	980.00	13.00	154.13	2003.70	2983.70	2283.70	0	0			2283.70		
299	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for not and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.,) 20mm nominal OD pipes	Mtr	45.00	226.00	10170	60.53	57.00	226.00	12882.00	3.53	248.98	878.90	13760.90	3590.90	0	0			3590.90		

Sl. No.	Description of Work	Unit	Qty as per Quoted Rate			Total Executed Quantity	Qty. upto 125%			Qty. above 125%			Total Amount	Excess amount	Amouint Paid in 1st RA Bill	Amouint Paid in 2nd RA Bill	Amouint Paid in 3rd RA Bill	Amouint Paid in 4th RA Bill	Now to be Paid Quantity Excess amount	Savings	Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amt									
300	...iding and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for not and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.,) 25mm nominal OD pipes	Mtr	40.00	270.00	10800	55.40	50.00	270.00	13500.00	5.40	296.41	1600.59	15100.59	4300.59	0	0			4300.59		
	Grand total				4434131.17				5173144.38				8504427.20						4875651.03		

Note: Percentage of Workslip over the sanctioned Estimate=Excess amount over the approved amount/Amount Put to tender x 100

(4875651.03/65528471)x100 =7.44%

Percentage of Workslip 7.44%

Contractor

Assistant Engineer

Assistant Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Executive Engineer

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

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ಯಲಹಂಕ ವಲಯ
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